

RMI Company

SODIUM PLANT

P. O. BOX 550
ASHTABULA, OHIO 44004
216/997-5141 TWX 810-427-2937

EPA Region 5 Records Ctr.



322530

August 18, 1981

CLPC FILE

Mr. William T. Skowronski, P.E.
Ohio Environmental Protection Agency
Northeast District Office
2110 E. Aurora Road
Twinsburg, Ohio 44087

Dear Mr. Skowronski:

Subject: Landfill Closure - RMI Company Sodium Plant

The RMI Company is hereby requesting permission to close landfill located at the Sodium Plant, East 6th and State Road, Ashtabula, Ohio.

Enclosed is the closure proposal. Verbal approval is requested so that construction can commence immediately, otherwise, closure cannot be completed in calendar year 1981.

If you have any questions or need additional information regarding this proposal, please contact J. T. Holman, Staff Environmental Engineer, at RMI Company, Niles, Ohio, telephone No. 216-652-9951.

Sincerely,

G. Berteau
General Manager
Ashtabula Operations

Enclosure

PROPOSED
CLOSURE OF LANDFILL
RMI CO. SODIUM PLANT
ASHTABULA, OHIO

LANDFILL CLOSURE PROPOSAL

A part of the discussion relative to issuance of an NPDES Permit for the RMI Company Sodium Plant involved the elimination of discharge point 002 (south ditch). To accomplish this elimination, the runoff through and from this landfill area must be altered. RMI proposes to close this landfill in accordance with recommendations of the OEPA and as described herein. An area map showing site location is given in Exhibit #1. Further, Exhibit #2 is a plot plan indicating both present and proposed landfill.

A new drainage ditch will be constructed north of the present fill area, as described in Exhibit #3 (Drawing 14-1021). Specifically located just north of Reference N-11, this new ditch will run west then change direction (south) to join with existing drainage at E-6. The new ditch will also include a small drainage ditch running northerly from Reference N-10 to N-11 at approximately Reference E-13. Proposed elevations are described in Exhibit #4 (Drawing 14-1020-0).

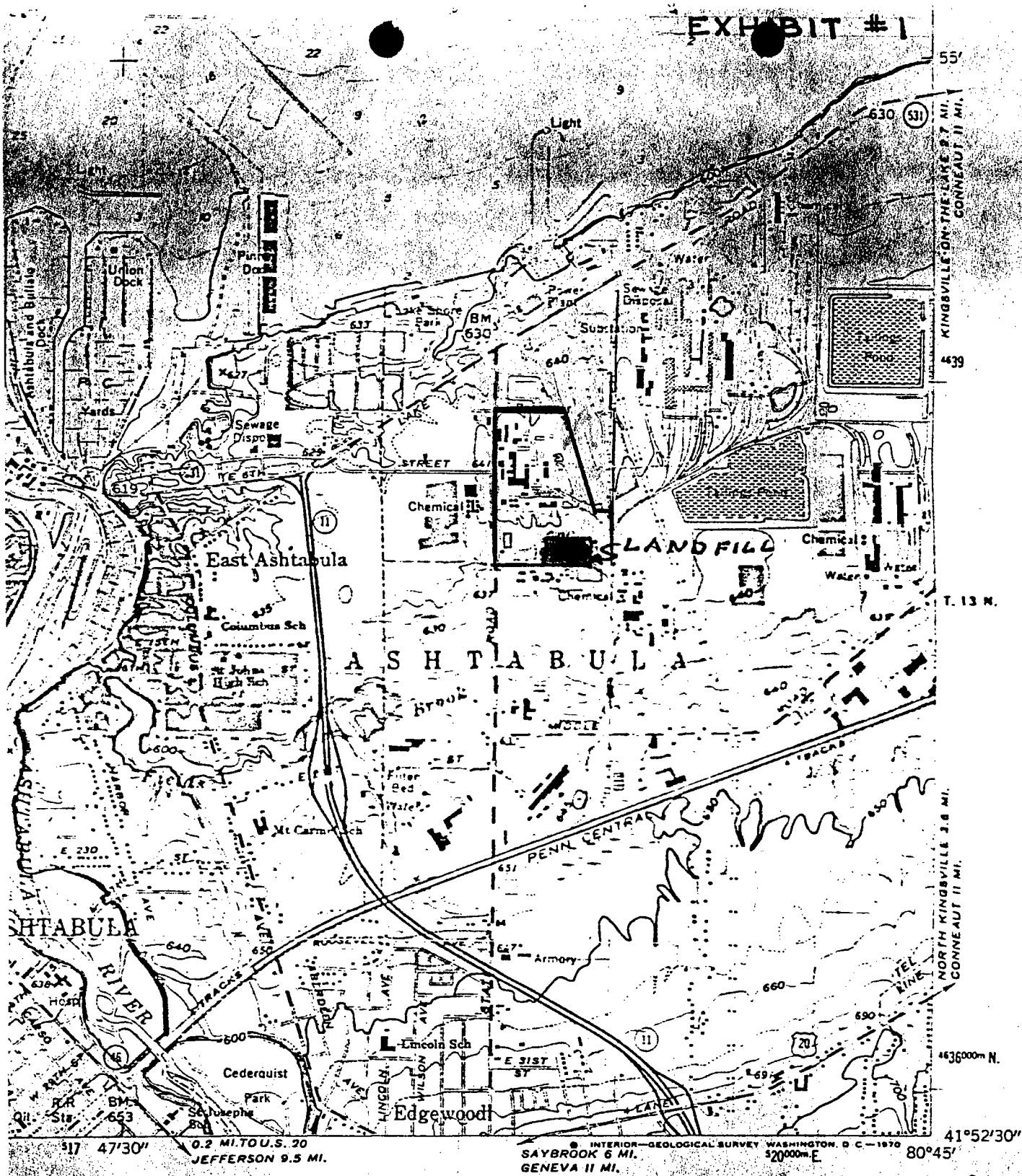
In addition, another new ditch will be dug on the south boundary of the landfill area at Reference N-7. It will join the previously described drainage ditch at Reference E-6 and exit RMI property. This ditch will be at the same invert elevation as the present ditch which runs through the fill area as requested by the OEPA geologist, Christopher Khourey, on June 3, 1981. This ditch will be clay-lined on the bottom and on the north side (toward fill area).

After construction of these ditches are completed, the existing drainage ditch will be filled with clay. Then the fill material will be graded within this area now bounded by drainage ditches. The site will be graded to achieve a final profile as shown in Exhibit #3 (Drawing 14-1021) which will provide adequate drainage of surface water runoff and prevent ponding. The slope will be one to four percent. A compacted clay cover of one and one half feet will be applied over this graded fill. It will then be covered with six inches of top soil thus giving a cover having an average depth of two feet. The area will be seeded with grasses or other appropriate vegetation.

RMI Company feels that these proposed actions satisfy the intent of Regulation 3745-27-09(F) and the specific requirements set forth by the OEPA.

Attachments - Exhibit #1 - Ashtabula/Northern Ohio-Map
Exhibit #2 - Plot Plan - Sodium Plant
Exhibit #3 - Drawing 14-1021 (Dump Site Drainage)
Exhibit #4 - Drawing 14-1020-0 (Proposed Drainage Ditches
at Dump Site)

EXHIBIT #1



1 MILE
00 FEET
TER



QUADRANGLE LOCATION

ROAD CLASSIFICATION

Medium-duty ——— Light-duty ———
Unimproved dirt

U.S. Route ——— State Route ———
Heavy-duty ———

ASHTABULA NORTH, OHIO

NE/4 ASHTABULA 15' QUADRANGLE
N4152.5-W8045/7.5

1960
PHOTOREVISED 1970
AMS 4867 IV NE-SERIES V852

QUEST
Regions shown in purple compiled in cooperation with
State of Ohio agencies from aerial photographs taken 1970
[This information not to be altered]